

Project Name: Gold King Mine ER	Site Location: Silverton, San Juan County, Colorado	Project No. 20408.012.001.0267.0 0
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Photo No. 1	Date: 08/06/2015	
Direction Photo Taken: Southwest		
Description: Animas River from U.S. Highway 550 southwest of Silverton		

Photo No. 2	Date: 08/06/2015	
Direction Photo Taken: West		



PHOTOGRAPH LOG

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Description: Animas River from U.S. Highway 550 southwest of Silverton		
Photo No. 3	Date: 08/06/2015	
Direction Photo Taken: Northwest		
Description: Animas River from U.S. Highway 550 southwest of Silverton.		
Photo No. 4	Date: 08/06/2015	
Direction Photo Taken: South		

Project Name:
Gold King Mine ER

Site Location:
Silverton, San Juan County, Colorado

Project No.
20408.012.001.0267.0
0

Description:

Repairing road damage along County Road 110 between Silverton and Gladstone.

Photo No.
5

Date:
08/06/2015

Direction Photo Taken: South

Description:

Repairing road damage along County Road 110 between Silverton and Gladstone.

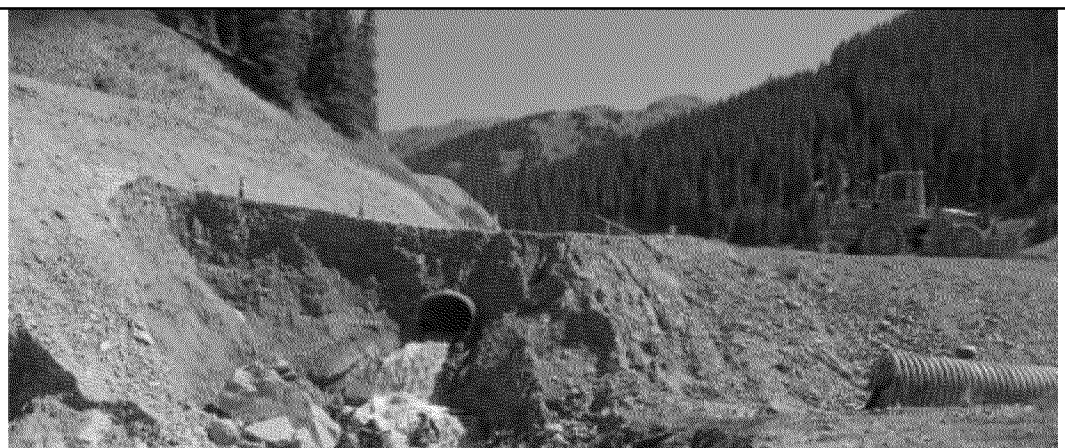


Photo No.
6

Date:
08/06/2015

Direction Photo Taken:

North



Project Name:
Gold King Mine ER

Site Location:
Silverton, San Juan County, Colorado

Project No.
20408.012.001.0267.0
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Description:

Road crossing over
Cement Creek at
Gladstone damaged,
view from downstream.

**Photo
No.**
7

Date:
08/06/2015

**Direction Photo
Taken:**

North

Description:

Upstream of Cement
Creek culvert at
Gladstone.



**Photo
No.**
8

Date:
08/06/2015

**Direction Photo
Taken:**

South





PHOTOGRAPH LOG

Project Name:
Gold King Mine ER

Site Location:
Silverton, San Juan County, Colorado

Project No.
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Description:

Road at Gladstone
coned off.

**Photo
No.**
9

Date:
08/06/2015

**Direction Photo
Taken:**

South

Description:

Cement Creek and
North Fork
convergence after Gold
King discharge.



**Photo
No.**
10

Date:
08/06/2015

**Direction Photo
Taken:**



South





PHOTOGRAPH LOG

Project Name: Gold King Mine ER	Site Location: Silverton, San Juan County, Colorado	Project No. 20408.012.001.0267.0 0
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Description: Cement Creek and North Fork convergence after Gold King discharge.		
Photo No. 11	Date: 08/06/2015	
Direction Photo Taken: East		
Description: Damaged GSA Suburban at base of Gold King mine dump		
Photo No. 12	Date: 08/06/2015	
Direction Photo Taken: South		



PHOTOGRAPH LOG

Project Name:

Gold King Mine ER

Site Location:

Silverton, San Juan County, Colorado

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Description:

Temporary culvert for
North Fork Cement
Creek at road at base
of Gold King mine
dump.

**Photo
No.
13**

Date:
08/06/2015

**Direction Photo
Taken:**

West

Description:

Temporary road
crossing at base of
Gold King mine dump.

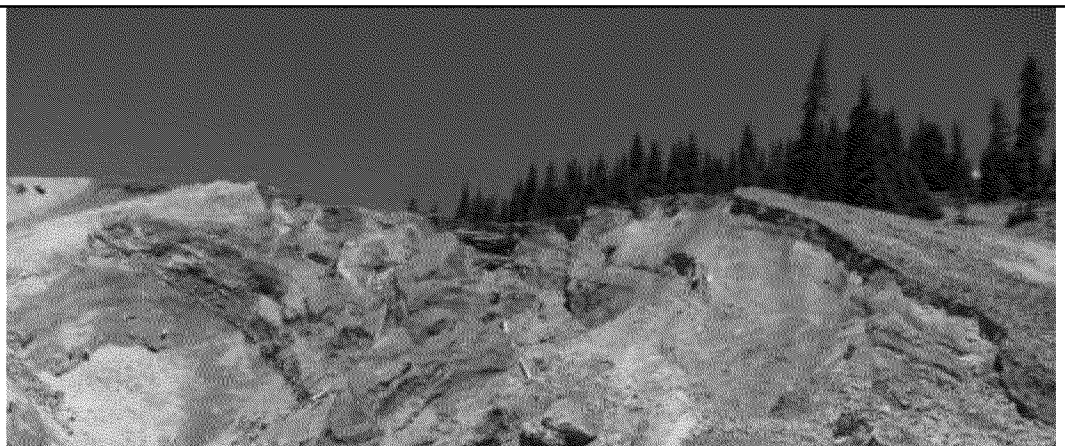


**Photo
No.
14**

Date:
08/06/2015

**Direction Photo
Taken:**

North





PHOTOGRAPH LOG

Project Name:

Gold King Mine ER

Site Location:

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Description:

Gold King mine dump
damage.

**Photo
No.
15**

Date:
08/06/2015

**Direction Photo
Taken:**

West

Description:

Gold King mine dump
damage.



**Photo
No.
16**

Date:
08/06/2015

**Direction Photo
Taken:**



North





PHOTOGRAPH LOG

Project Name: Gold King Mine ER	Site Location: Silverton, San Juan County, Colorado	Project No. 20408.012.001.0267.0 0
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Description: Gold King mine dump damage.		
Photo No. 17	Date: 08/06/2015	
Direction Photo Taken: Northwest		
Description: Gold King mine dump damage.		
Photo No. 18	Date: 08/06/2015	
Direction Photo Taken: Northwest		

Project Name:
Gold King Mine ER

Site Location:
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Description:

Gold King mine dump damage.

Photo No.
19

Date:
08/06/2015

Direction Photo Taken:

North

Description:

Gold King mine dump damage.



Photo No.
20

Date:
08/06/2015

Direction Photo Taken:

Southwest





PHOTOGRAPH LOG

Project Name: Gold King Mine ER	Site Location: Silverton, San Juan County, Colorado	Project No. 20408.012.001.0267.0 0
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Description:

North Fork Cement Creek downstream of Gold King road crossing. North Fork Cement Creek is orange.

Photo No.
21

Date:
08/06/2015

Direction Photo Taken:

West

Description:

Switchback at the Gold King access road.



Photo No.
22

Date:
08/06/2015

Direction Photo Taken:

West





PHOTOGRAPH LOG

Project Name:

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Site Location:

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Description:

Gold King mine dump
road damage.

**Photo
No.
23**

Date:
08/06/2015

**Direction Photo
Taken:**

East

Description:

Gold King mine dump
damage.



**Photo
No.
24**

Date:
08/06/2015

**Direction Photo
Taken:**

East





PHOTOGRAPH LOG

Project Name:

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Site Location:

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Description:

Top of Gold King Mine
Dump.

**Photo
No.
25**

Date:
08/06/2015

**Direction Photo
Taken:**

Northeast

Description:

Gold King adit post
discharge.



**Photo
No.
26**

Date:
08/06/2015

**Direction Photo
Taken:**



North





PHOTOGRAPH LOG

Project Name: Gold King Mine ER	Site Location: Silverton, San Juan County, Colorado	Project No. 20408.012.001.0267.0 0
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Description: Gold King adit post discharge.		
Photo No. 27	Date: 08/06/2015	
Direction Photo Taken: North		
Description: Gold King adit		
Photo No. 28	Date: 08/06/2015	
Direction Photo Taken: East		

Project Name:
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Site Location:
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Description:

Channalized flow to edge of mine dump.

Photo No.
29

Date:
08/06/2015

Direction Photo Taken:

West

Description:

Horiba Readings stabilizing in adit discharge. pH 3.41



Photo No.
30

Date:
08/06/2015

Direction Photo Taken:

West



Project Name:
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Site Location:
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Description:

Stabilized Horiba readings (DO is not accurate). pH = 2.93
Turbidity too high for sensor reading so display shows 0 NTU.

Photo No.
31

Date:
08/06/2015

Direction Photo Taken:

Northwest

Description:

Secondary sealed adit at Gold King, flow has decreased from 10's of gallons per minute to almost 0.



Photo No.
32


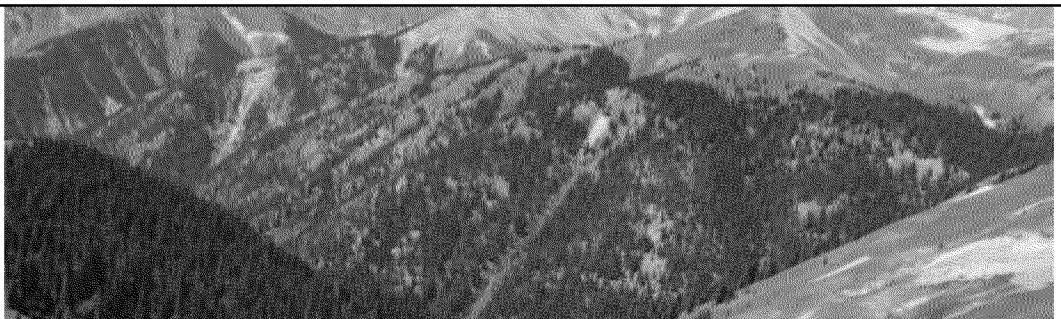
Date:
08/06/2015

Direction Photo Taken:

West/Down




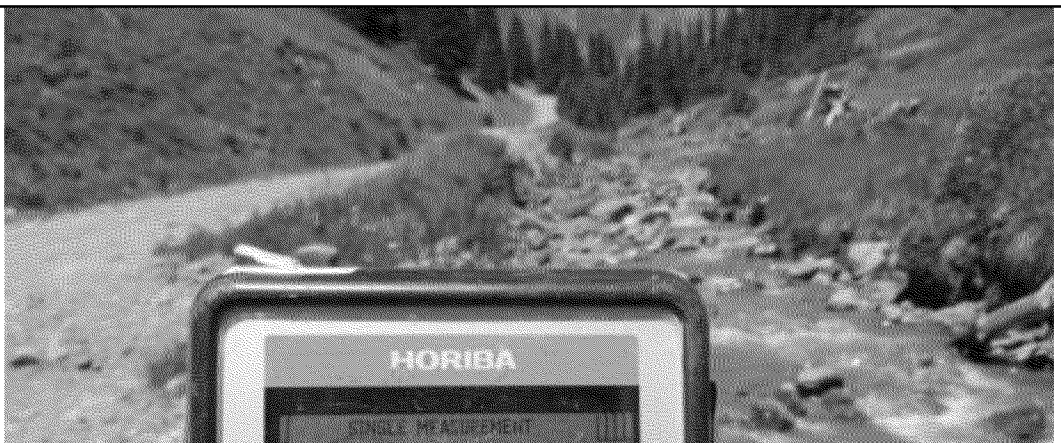
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Description: Overview of the Gold King waste dump pad after mine discharge. Note orange water in half culvert channel and damage to center of pad.		
Photo No. 33	Date: 08/06/2015	
Direction Photo Taken: West		
Description: Overview of the Gold King Post mine discharge.		
Photo No. 34	Date: 08/06/2015	
Direction Photo Taken: West and downhill		



PHOTOGRAPH LOG

Project Name: Gold King Mine ER	Site Location: Silverton, San Juan County, Colorado	Project No. 20408.012.001.0267.0 0
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Description: Overview of the Gold King mine dump after mine discharge.		
Photo No. 35	Date: 08/06/2015	
Direction Photo Taken: West/Down		
Description: Overview of the Gold King mine dump after mine discharge.		
Photo No. 36	Date: 08/06/2015	
Direction Photo Taken: North		

Project Name:
Gold King Mine ER

Site Location:
Silverton, San Juan County, Colorado

Project No.
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0

Description:

Horiba reading of
Cement Creek
upstream of North Fork
confluence. Bad DO
reading. pH = 5.04

**Photo
No.**
37

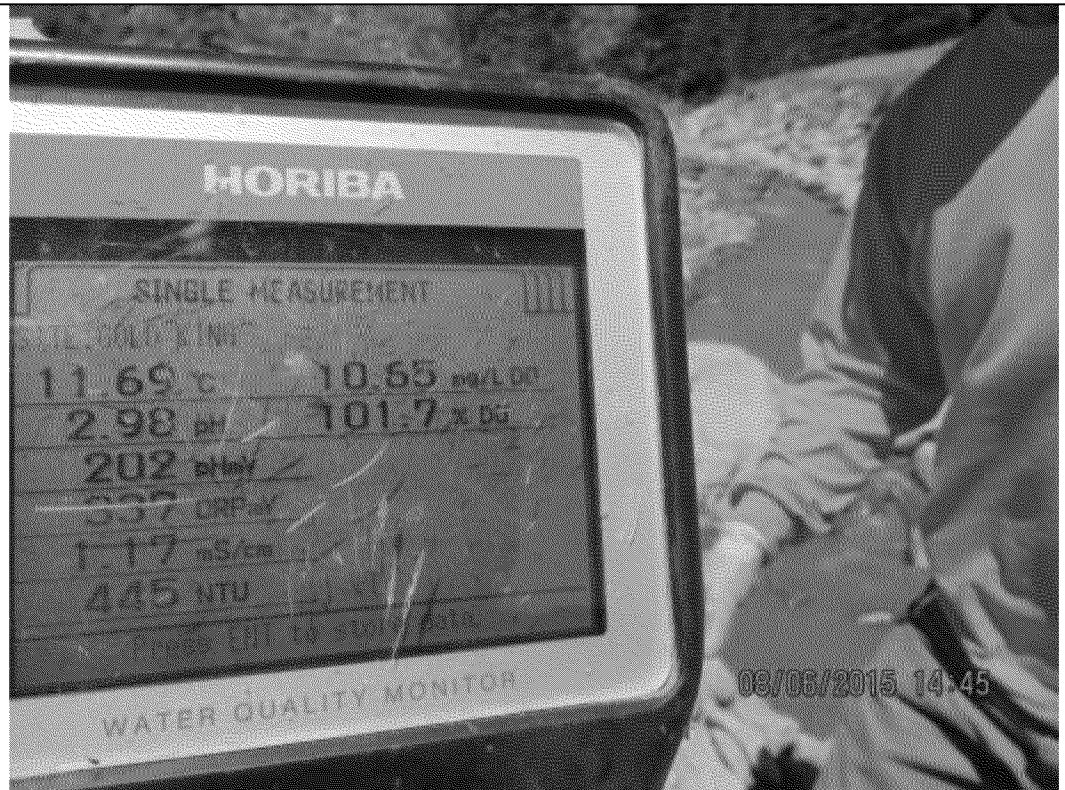
Date:
08/06/2015

**Direction Photo
Taken:**

North

Description:

Stabilized Horiba
reading of Cement
Creek north of
Gladstone culvert. Bad
DO reading, pH = 2.98



**Photo
No.**
38

Date:
08/06/2015

**Direction Photo
Taken:**

South





PHOTOGRAPH LOG

Project Name:

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Site Location:

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Project No.

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Description:

Updated view of road
repair between
Gladstone and
Silverton.